

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001577**Date Inspected:** 03-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 630**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** M.K. Wu**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Bottom Plate**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Bay-3, Bottom Plate Assembly BP-023-001 Stiffener welds to PL-79A #1 & 2, 3 & 4 and 5 & 6 were in the process of being welded by Zhenhua Port Machinery Company (ZPMC) Li Shuliang #048801 for 1 & 2, Sun Ti Yu #054459 for 3 & 4 and Liu Zihong #062447 for welds 5 & 6. The WPS-B-T-2132-3 was posted near by and the wire used was E71T-1. The CWI was M.K. Wu and the QC was Gui Yang Wei.

Bay-3, Side Plate SP-306-001 Stiffener welds to PL-913A #019,020 and 021 were being tack welded by ZPMC welder Li Wenguo #066261. The WPS-B-P-2112 was posted near by and the welding rods were TL-508 and the QC present was Wang Liang.

Bay-3, Side Plate SP-028-001 Stiffener welds to PL-87A #019 and 020 were being tack welded by a ZPMC welder XU Changxue #066002 using THJ 506 FE-1 welding rods. The WPS-B-P-2112-FCM was the procedure being used and was posted nearby.

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Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Smith,David

Quality Assurance Inspector

Reviewed By: Hager,Craig

QA Reviewer